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US application 09/6936793

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**Claims**

- 1) Compound destined to cause immune response in a living organism being the product of the reaction between xanthurenic acid and a protein, in which the protein and xanthurenic acid are covalently linked.
- 2) Compound according to claim 1 consisting of that xanthurenic acid is covalently linked to a protein, a peptide, or a protein sequence.
- 3) Compound according to claim 1 consisting of that this protein is human protein or a protein of another mammal.
- 4) Compound according to claim 1 consisting of that this protein is one  
bacterial protein.
- 5) Compound according to claim 1 consisting of that the reaction between xanthurenic acid and a protein, in which xanthurenic acid and this protein are covalently linked, is made by an incubation of cells culture in a presence of xanthurenic acid.
- 6) Compound according to claim 1 consisting of that the reaction between xanthurenic acid and a protein, in which xanthurenic acid and this protein are covalently linked, is made by incubation the tissue in a presence of xanthurenic acid.

*J Halina*